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EXP/"owens; terry": 189 patents.

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PAT.	Title
1 5,540,951	T Method for two-dimensional assembly formation of fine particles from a liquid dispersion
2 5,516,573	T Roofing materials having a thermoplastic adhesive intergace between coating asphalt and roofing granules
3 5,516,555	T Evaporation method for forming a gas barrier film having an organosilicon dispersed discontinuously in an inorganic matrix
4 5,503,875	T Film forming method wherein a partial pressure of a reaction byproduct in a processing container is reduced temporarily
5 5,498,758	T Method for the cold end coating of glassware using a vaporizer having an internal flow path from a reservoir of liquid coating material to a vapor deposition chamber
6 5,496,594	T Chemical vapor deposition apparatus and method wherein a corona discharge is generated inside a perforated cage which surrounds the substrate
7 5,496,587	T Method for printing a metallic appearance on moldable sheet plastic
8 5,495,550	T Graphite flash evaporator having at least one intermediate layer and a pyrolytic boron nitride coating
9 5,494,728	T Method for making roofing shingles using asphalt fibers, and shingles made thereby
10 5,494,520	T Apparatus for coating jet milled particulates onto a substrate by use of a rotatable applicator
11 5,493,630	T Pyrolytic boron nitride coated flash evaporator
12 5,493,117	T Apparatus and method for glow discharge treatment of a moving web using electrodes fitted into a single common socket and having end portions covered by electrically conductive shields
13 5,492,724	T Method for the controlled delivery of vaporized chemical precursor to an LPCVD reactor
14 5,492,721	T Method for producing enamelled wires using fusible resins
15 5,492,606	T Method for self-stabilizing deposition of a stoichiometric compound by reactive sputtering
16 5,491,003	T Method for manufacturing an optical recording film composed of a metal and an oxide which can undergo an oxidation-reduction reaction upon exposure to a laser beam
17 5,482,781	T Process for restrengthening damaged paper and product produced thereby
18 5,480,683	T Process for reducing the coefficient of friction and wear between a metal part and an organic polymer- or copolymer-based part and its application to artificial limb-joints and fittings working in marine environments

19 5,478,700 T Method for applying bonding agents to pad and/or interconnection sites in the manufacture of electrical circuits using a bonding agent injection head

20 5,476,689 T Method for electrostatic powder coating of fasteners magnetically suspended from a conveyor

21 5,476,547 T Gas feeding device for controlled vaporization of an organometallic compound used in deposition film formation

22 5,472,746 T Method of producing an electrostatically painted multi-layered hose

23 5,468,519 T Method for forming an orientation film including coupling an organic compound to a silane coupling agent in a magnetic or electrical field

24 5,468,326 T Apparatus for polishing a diamond or carbon nitride film by reaction with oxygen transported to the film through a superionic conductor in contact with the film

25 5,462,602 T Apparatus for continuous reactive metal deposition in vacuum with web looping over upper and lower rollers

26 5,462,223 T Process for coating glue spot rows and strips onto longitudinally extending blanks for hinge-lid packs and blanks produced thereby

27 5,460,858 T Method for forming a smooth-surfaced insulating layer

28 5,456,953 T Method for coating bake hardenable steel with a water based chromium bearing organic resin

29 5,453,329 T Method for laser cladding thermally insulated abrasive particles to a substrate, and clad substrate formed thereby

30 5,453,295 T Method for preventing filiform corrosion of aluminum wheels by powder coating with a thermosetting resin

31 5,453,293 T Methods of manufacturing coated particles having desired values of intrinsic properties and methods of applying the coated particles to objects

32 5,449,536 T Method for the application of coatings of oxide dispersion strengthened metals by laser powder injection

33 5,447,752 T Method for making a decorative cementitious pattern on a surface

34 5,445,699 T Processing apparatus with a gas distributor having back and forth parallel movement relative to a workpiece support surface

35 5,437,892 T Method for manufacturing a fine-particles two-dimensional aggregate from a liquid dispersion of fine particles

36 5,436,031 T Method for impregnating a heated, flat, fibrous substrate with synthetic resin

37 5,433,788 T Apparatus for plasma treatment using electron cyclotron resonance

38 5,425,969 T Method of coating articles made of polypropylene with an electrically conductive primer and electrostatically applied overcoat

39 5,407,747 T Filiform corrosion resistant aluminum automotive road wheel

40 5,405,659 T Method and apparatus for removing material from a target by use of a ring-shaped elliptical laser beam and depositing the material onto a substrate

41 5,405,652 T Method of manufacturing a die for use in molding glass optical elements having a fine pattern of concavities and convexities

42 5,405,647 T Method for applying granules to a moving coated asphalt sheet to form areas having sharp leading and trailing edges

43 5,397,598 T Method for selectively coating a member having a shank by masking a portion of the shank with a washer

44 5,391,407 T Process for forming protective diamond-like carbon coatings on metallic surfaces

45 5,384,685 T Screen printing of microprotrusions for use as a space separator in an electrical storage device

46 5,382,450 T Method for powder spray coating an article using a conveyor having a wiping surface

47 5,382,449 T Method of using volcanic ash to maintain separation between asphalt roofing shingles

48 5,380,552 T Method of improving adhesion between roofing granules and asphalt-based roofing materials

49 5,380,549 T Method for forming traffic surfaces having double-coated bonding of anti-slip particles and containing retro-reflective beads

50 5,376,414 T Expansion compensated precision extrusion method

51 5,372,852 T Indirect printing process for applying selective phase change ink compositions to substrates

52 5,372,749 T Method for surface treating conductive copper powder with a treating agent and coupler

53 RE34,806 T Magnetoplasmadynamic processor, applications thereof and methods

54 5,368,887 T Process for producing thin glass film by sol-gel method

55 5,368,885 T Method of applying coating powder and glass flake to produce a glass flake-containing finish

56 5,368,618 T Method of making a coated abrasive article

57 5,366,763 T Methods of producing durable lustrous coating on vitreous objects

58 5,362,523 T Method for the production of compositionally graded coatings by plasma spraying powders

59 5,362,518 T Method for watercolor painting using rock salt

60 5,360,639 T Method of providing a decorative pattern on a screw head

61 5,358,753 T Method of making an anti-friction coating on metal by plasma spraying powder having a solid lubricant core and fusible metal shell

62 5,358,747 T Siloxane coating process for carbon or graphite substrates

63 5,358,744 T Process for coating a ferritic stainless steel strip with aluminum by hot quenching

64 5,358,742 T Process for providing a visually distinctive target by coloring and heat deformation of hook material on the target

65 5,356,673 T Evaporation system and method for gas jet deposition of thin film materials

66 5,356,672 T Method for microwave plasma assisted supersonic gas jet deposition of thin films

67 5,356,664 T Method of inhibiting algae growth on asphalt shingles

68 5,356,656 T Method for manufacturing flexible amorphous silicon solar cell

69 5,356,504 T Method of sealing cracks in foundation walls by applying polyvinyl acetal as a primer for silicone sealant

70 5,354,582 T Method for utilizing toner fines as an electrostatic spray coating material

71 5,354,579 T Mechanical plating method for forming a zinc alloy film by ejecting heat treated powder

72 5,352,485 T Synthesis of metal oxide thin films

73 5,352,480 T Method for binding particles to fibers using reactivatable binders

74 5,350,598 T Apparatus and method for selectively coating a substrate in strip form

75 5,350,597 T Method for intermittently applying particulate powder material to a fibrous substrate

76 5,348,771 T Method of producing an oxygen barrier coating containing trimethoxysilyl functional pentadienoate

77 5,348,767 T Methods for production of faux effects using select color mixtures and blending solvents

78 5,348,766 T Method for marbleizing an object by dipping the object into paint floating on borax-conditioned water

79 5,348,761 T Use of a swellable plastic and process for making a resistive moisture sensor

80 5,346,727 T Application of smooth PVOF-based powder coatings to substrates

81 5,344,676 T Method and apparatus for producing nanodrops and nanoparticles and thin film deposits therefrom

82 5,344,672 T Process for producing powder coated plastic product

83 5,342,670 T Process for simulating a chaotic pattern on a surface by applying to the surface a nonuniform multilayered coating

84 5,342,653 T Method of producing polyvinyl butyral sheet having a desired level of glass adhesion

85 5,340,617 T Electrostatic patterning of multi-layer module lamina

86 5,340,616 T A coating method using an electrified web and increased humidity

87 5,340,615 T Method to produce non-stressed flame spray coating and bodies

88 5,340,614 T Methods of polymer impregnation

89 5,340,610 T Method of splatter painting a rotating object

90 5,338,579 T Method of manufacturing a chemically adsorbed film

91 5,338,578 T Method for achieving a smooth powder coated finish on a low density compression-molded plastic article

92 5,336,646 T Method of surface strengthening alumina-zirconia composites using MoO₂

93 5,334,741 T Phosphorylation with monomeric metaphosphates

94 5,334,250 T Vapor deposition apparatus for using solid starting materials

95 5,330,799 T Press polymerization of lenticular images

96 5,328,736 T Apparatus and process for impregnating fibers with an aerosol of electrostatically charged polymer powder particles

97 5,328,724 T Solution coating process for packaging film

98 5,328,721 T Process for manufacturing sodium carbonate perhydrate particles and coating them with sodium borosilicate

99 5,328,720 T Coating-fluidizing gas supply system and method for flat bottom coater

100 5,328,713 T Precise regulation of fluidized bed weight in pyrolytically coating substrates

101 5,326,719 T Thin film growth using two part metal solvent

102 5,326,598 T Electrospray coating apparatus and process utilizing precise control of filament and mist generation

103 5,326,592 T On die solution coating of extruded profiles and apparatus therefor

104 5,324,546 T Process for producing coatings having multiple raised beads simulating liquid droplets on surfaces of articles

105 5,324,543 T Method of manufacturing an adsorbed monomolecular film

106 5,324,538 T Process for producing composite semipermeable membrane employing a polyfunctional amine solution and high flash point - solvent

107 5,318,807 T Process for preparing printed sheets with optical effects

108 5,316,801 T Electrostatic powder coating method for insulating the series loop connections of a dynamoelectric machine

109 5,316,798 T Method of making a cylindrical sleeve structure, particularly cover for an offset cylinder in a rotary printing machine

110 5,314,711 T Method and apparatus for printing green-tape foil circuits

111 5,312,648 T Method for coating particles using counter-rotating disks

112 5,310,582 T Apparatus and high speed method for coating elongated fibers

113 5,310,579 T Method and apparatus for painting a surface by moving a device through a paint reservoir and across the surface

114 5,308,653 T Method for coloring wood chips using a screw conveyor

115 5,308,396 T Method of making lightweight granules coated with cementitious material

116 5,304,400 T Process for coating heat resistant substrates with two component stoving compositions

117 5,304,399 T Method of producing epoxy resin film

118 5,302,418 T Process for surface-modifying polypropylene or polyethylene

119 5,302,414 T Gas-dynamic spraying method for applying a coating

120 5,300,323 T Reducing or avoiding pinhole formation in autodeposition on zinciferous surfaces

121 5,300,317 T Process for covering solid particles in powder form with a material which is solid or of high viscosity at room temperature

122 5,298,296 T Process for the elaboration of powders uniformly coated with ultrafine silicon-base particles using chemical vapor decomposition in the presence of core powders

123 5,298,284 T Method of making a swelling cable wrap

124 5,298,277 T Method for decreasing spray coating nonuniformity at an end portion of a moving workpiece

125 5,296,265 T Fluidized coating apparatus having perforated rotating disk and method of using same

126 5,294,459 T Air assisted apparatus and method for selective coating

127 5,292,556 T Method for preparing negative-working wash-off relief images

128 5,292,552 T Method for forming metallized layer on an aluminum nitride sintered body

129 5,292,551 T Process for producing electroconductive powders

130 5,290,607 T Method and system for significantly increasing the density of particulates on a substrate

131 5,290,606 T Method for manufacturing a substrate for a printed circuit board

132 5,290,596 T Method of making composite laminate for sliding elemens

133 5,288,322 T Apparatus and method for coloring textile articles while expanded and pressed against a pattern

134 5,286,528 T Protective and decorative sheet material having a transparent topcoat

135 5,286,527 T Adhesion promoter

136 5,286,518 T Integrated-circuit processing with progressive intermetal-dielectric deposition

137 5,284,682 T Copper/nickel epoxy coating and application process as antifouling agent

138 5,284,678 T Method and apparatus for coating particles agitated by a rotatable rotor

139 5,283,085 T Method of manufacturing a hot-cathode element

140 5,283,080 T Method and apparatus for manufacturing a granule-covered roofing material by modifying a process parameter in response to measured reflected light

141 5,281,437 T Production of particulate solid-bearing low density air-permeable sheet materials

142 5,279,858 T Flexographic apparatus having a temperature control device embedded in a substrate support and method for forming patterned films using the apparatus

143 5,279,854 T Method and apparatus for zoned application of particles in fibrous material

144 5,275,849 T Cleaning method using both wet and dry steam, and apparatus adapted therefor

145 5,273,787 T Method of protecting wood surfaces and a wood product produced thereby

146 5,273,780 T Screen printing a glass pane with a decorative coating including blowing away or sucking printing ink from the edge of the glass pane

147 5,271,969 T Method of manufacturing metal oxide ceramic composite powder

148 5,271,964 T Process for manufacturing abrasive tape

149 5,271,144 T Coil coating of sheet metal to provide localized corrosion protection

150 5,270,082 T Organic vapor deposition process for corrosion protection of metal substrates

151 5,270,078 T Method for preparing high resolution wash-off images

152 5,268,195 T Method and apparatus for producing finely pulverized sand particles for use in the production of casting molds and for coating with the finely pulverized sand particles models for shaped castings

153 5,267,390 T Organic vapor deposition process for corrosion protection of prestamped metal substrates

154 5,264,255 T Method of applying a coating of loose particle material to an article

155 5,264,036 T Apparatus for applying a fluid under hydrostatic pressure to a moving web of material

156 5,262,202 T Heat treated chemically vapor deposited products and treatment method

157 5,260,101 T Multicomponent system for a refinish coating composition and a method for applying the same

158 5,260,099 T Method of making a gas turbine blade having a duplex coating

159 5,260,097 T Method for masking a surface by adhesive application of an elongated, compressible, windowless cushion

160 5,260,093 T Method of making biocompatible, surface modified materials

161 5,258,204 T Chemical vapor deposition of metal oxide films from reaction product precursors

162 5,258,073 T Method for preventing deposition on portions of workpieces during continuous spray coating

163 5,256,450 T Process for impregnating porous metal articles using water miscible anaerobic sealants

164 5,256,448 T Sol-gel method of making silicon carbide and of protecting a substrate

165 5,256,445 T Method and apparatus for buffing and painting a annulation

166 5,256,444 T Method for suppressing dust emissions from bulk solids

167 5,256,442 T Screen printing method for forming a multiplicity of printed wiring boards

168 5,256,440 T Process for producing a tablet core aperture

169 5,254,365 T Method of making ceramic composite articles

170 5,254,364 T Method of making a soil composition comprised of clay-coated sand particles

171 5,252,366 T Chemical vapor deposition method using an actively cooled effuser to coat a substrate having a heated surface layer

172 5,252,362 T Method for protecting articles from hydrogen absorption by application of an alumina coating

173 5,250,323 T Chemical vapor growth apparatus having an exhaust device including trap

174 5,250,321 T Method of printing a glass pane with a decorative coating reaching the peripheral face of the glass pane

175 5,248,523 T Method for coating an inclined surface with powder

176 5,246,739 T Method for the treatment of wood with metal-lignin salts

177 5,246,736 T Process for the manufacture of a refractory composite material protected against corrosion
178 5,246,732 T Method of providing a copper pattern on a dielectric substrate
179 5,242,706 T Laser-deposited biocompatible films and methods and apparatuses for producing same
180 5,242,500 T Apparatus for the continuous coating of band-type substrate
181 5,240,495 T In situ formation of metal-ceramic oxide microstructures
182 5,236,745 T Method for increasing the cyclic spallation life of a thermal barrier coating
183 5,236,738 T Method for making magnetic recording media by kneading, dilution kneading, and dispersing a mixture of inorganic grains, binders, and solvents
184 5,234,720 T Process of preparing lubricant-impregnated fibers
185 5,232,746 T Powder coating process employing fluorinated thermoplastics in admixture with potassium titanate fibers
186 5,229,171 T Apparatus and method for uniformly coating a substrate in an evacuable chamber
187 5,229,170 T Method for electrostatically transporting ultrafine particles by use of a needle electrode
188 5,229,167 T Method of forming a film pattern on a substrate
189 5,213,843 T Vacuum powder injector and method of impregnating fiber with powder

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